

# POWER OF ATTORNEY

Attorney Docket No.

I69.12-0467



First Named Inventor : Roger L. Hipwell, Jr.

Title : LATERALLY SUPPORTED HANDLE WAFER FOR THROUGH-WAFER  
REACTIVE-ION ETCH MICROMACHINING

In the patent application:

☐ identified above (and submitted to the Patent and Trademark Office herewith).

☒ filed on November 7, 2000 as Application No. 09/707,698.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagate Technology, Inc., in connection with this document and the above application.

Please address all correspondence and telephone calls to Alan M. Koenck at:

KINNEY & LANGE, P.A.  
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SEAGATE TECHNOLOGY LLC

Signature:

Dated: 12/4/00

Title:

Leland D. Schultz, Reg. No. 30,322  
Senior Director of Intellectual Property  
and Technology Management

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

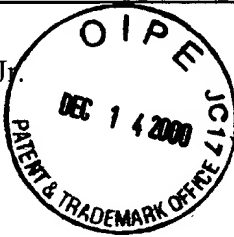
Inventor : Roger L. Hipwell, Jr.

Appln. No. : 09/707,698

Filed : November 7, 2000

Title : LATERALLY SUPPORTED HANDLE  
WAFER FOR THROUGH-WAFER  
REACTIVE-ION ETCH  
MICROMACHINING

Docket No. : I69.12-0467



Group Art Unit:

Examiner:

**ASSOCIATE POWER OF ATTORNEY OR AGENT (37 C.F.R. 1.34)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL,  
FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, D.C. 20231, THIS 11 DAY OF

December, 2000

*Alan Koenig*

PATENT ATTORNEY

Sir:

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First Named Inventor: Roger L. Hipwell, Jr.

Appln. No.: 09/707,698

- 2 -

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Telephone: (952) 844-5489

Please continue to send all further correspondence regarding this application to the below-named attorney.

Respectfully submitted,


KINNEY & LANGE, P.A.

By: 

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AMK:cjs

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	: Roger L. Hipwell, Jr.		Group Art Unit:
Appln. No.	: 09/707,698		Examiner:
Filed	: November 7, 2000		
Title	: LATERALLY SUPPORTED HANDLE WAFFER FOR THROUGH-WAFER REACTIVE-ION ETCH MICROMACHINING		
Docket No.	: I69.12-0467		

**SUBMISSION UNDER 37 C.F.R. 3.73(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventors of the patent application identified above, a copy of which is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of which is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of  
which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on  
behalf of Seagate Technology LLC.

Signature:



Date:

12/4/00

Title:

Leland D. Schultz, Reg. No. 30,322  
Senior Director of Intellectual Property  
and Technology Management

# ASSIGNMENT

Attorney Docket No.

169.12-0467

First Named Inventor : Roger L. Hipwell, Jr.

Title : LATERALLY SUPPORTED HANDLE WAFER FOR THROUGH-WAFER REACTIVE-ION ETCH MICROMACHINING

WHEREAS, I, Roger L. Hipwell, Jr., of Eden Prairie, MN, USA, Lee Walter, of Plymouth, MN, USA, Wayne A. Bonin, of North Oaks, MN, USA, Barry D. Wissman, of Eden Prairie, MN, USA, Zine-Eddine Boutaghou, of Vadnais Heights, MN, USA and Barbara J. Ihlow-Mahrer, of Crystal, MN, USA have invented certain new and useful improvements as described in an application entitled LATERALLY SUPPORTED HANDLE WAFER FOR THROUGH-WAFER REACTIVE-ION ETCH MICROMACHINING for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_, filed \_\_\_\_\_; and

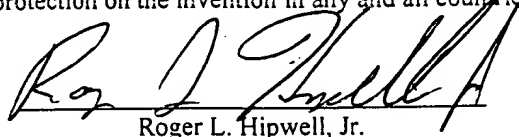
WHEREAS, Seagate Technology LLC, a corporation organized and existing under the laws of the State of Delaware, and having offices at 920 Disc Drive, Scotts Valley, CA 95066 ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

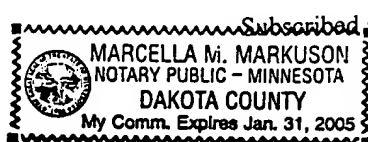
I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.


I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

  
Roger L. Hipwell, Jr.

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin )



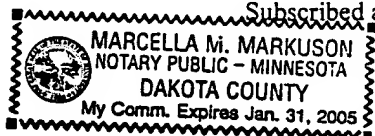
  
Notary Public

(SEAL)

Lee Walter  
Lee Walter

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin

Subscribed and sworn to before me, a Notary Public, this 31<sup>st</sup> day of October, 2000.



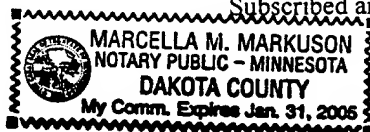
Marcella M. Markuson  
Notary Public

(SEAL)

Wayne A. Bonin  
Wayne A. Bonin

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin

Subscribed and sworn to before me, a Notary Public, this 31<sup>st</sup> day of October, 2000.



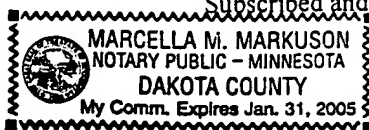
Marcella M. Markuson  
Notary Public

(SEAL)

Barry D. Wissman  
Barry D. Wissman.

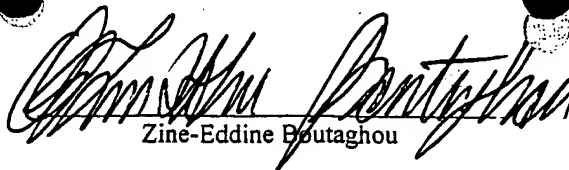
STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin

Subscribed and sworn to before me, a Notary Public, this 2<sup>nd</sup> day of November, 2000.



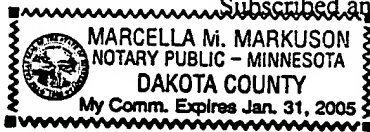
Marcella M. Markuson  
Notary Public

(SEAL)

  
Zine-Eddine Boutaghoul


STATE OF Minnesota  
COUNTY OF Hennepin ) ss.

Subscribed and sworn to before me, a Notary Public, this 31<sup>st</sup> day of October, 2000.



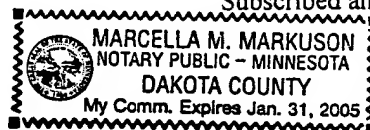
  
Notary Public


(SEAL)

  
Barbara J. Mlow-Mahrer

STATE OF Minnesota  
COUNTY OF Hennepin ) ss.

Subscribed and sworn to before me, a Notary Public, this 1<sup>st</sup> day of November, 2000.



  
Notary Public

(SEAL)